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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/632,775	08/04/2000	Stanley J. Kostoff, II	04838-060001	2125
26161	7590	07/29/2005	EXAMINER	
FISH & RICHARDSON PC P.O. BOX 1022 MINNEAPOLIS, MN 55440-1022			LAZARO, DAVID R	
			ART UNIT	PAPER NUMBER
			2155	

DATE MAILED: 07/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/632,775

Applicant(s)

KOSTOFF, II ET AL.

Examiner

David Lazaro

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
 - If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
 - If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
 - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 20 April 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-6 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-6 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date 4/20/05.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

1. This Office Action is in response to the amendment filed 04/20/05.
2. Claims 1 and 4 were amended.
3. Claims 1-6 are pending in this office action.

Response to Amendment

4. The rejection of claims 1 and 4 under 35 U.S.C. 112, second paragraph, are withdrawn.
5. Applicant's arguments with respect to the rejection(s) of claim(s) 1-6 under the Gregg reference have been fully considered but are moot in view of the new grounds of rejection made in view of U.S. Patent 5,627,829 by Gleeson et al.
6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action.

Claim Rejections - 35 USC § 102

7. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

8. Claims 1-6 are rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent 5,627,829 by Gleeson et al. (Gleeson).

9. With respect to Claim 1, Gleeson teaches in a network of stations interconnected by a transmission medium, a method of operating a station according to a media access control protocol comprises: receiving on the transmission medium a first frame transmission having a destination address corresponding to the station (Col. 16 lines 1-23 - Particularly note the initial establishment of a connection would involve the destination receiving a unreduced TP header which includes a destination address); and transmitting on the transmission medium a second frame transmission including information from the first frame transmission other than the destination address (Col. 16 lines 1-39, particularly lines 8-12), the information from the first frame transmission occupying fewer bits than the destination address but being sufficiently unique to the first frame transmission as to convey that the second frame transmission is a response to the first frame transmission (Col. 16 lines 24-39).

10. With respect to Claim 2, Gleeson teaches all the limitations of Claim 1 and further teaches wherein the first frame transmission includes a frame check sequence (Col. 16 lines 15-18 - 'checksum field') and the information in the second frame transmission includes a received frame check sequence field for specifying at least a portion of the frame check sequence in the first frame transmission and is to be used to determine that the second frame transmission is a response to the first frame transmission (Col. 16 lines 24-39, particularly noting the 'token' used can be "any unique field' which would include a checksum field.).

11. With respect to Claim 3, Gleeson teaches all the limitations of Claim 1 and further teaches the first frame transmission includes an indication that a response is expected (Col. 16 lines 1-18).

12. With respect to Claim 4, Gleeson teaches in a network of stations interconnected by a transmission medium, a media access control unit in a station comprising: a receive handler to receive on the transmission medium a first frame transmission having a destination address corresponding to the station (Col. 16 lines 1-23 - Particularly note the initial establishment of a connection would involve the destination receiving a unreduced TP header which includes a destination address); and transmit handler to transmit on the transmission medium a second frame transmission including information from the first frame transmission other than the destination address (Col. 16 lines 1-39, particularly lines 8-12), the information from the first frame transmission occupying fewer bits than the destination address but being sufficiently unique to the first frame transmission as to convey that the second frame transmission is a response to the first frame transmission (Col. 16 lines 24-39).

13. With respect to Claim 5, Gleeson teaches all the limitations of Claim 4 and further teaches wherein the first frame transmission includes a frame check sequence (Col. 16 lines 15-18 - 'checksum field') and the information in the second frame transmission includes a received frame check sequence field for specifying at least a portion of the frame check sequence in the first frame transmission and is to be used to determine that the second frame transmission is a response to the first frame transmission (Col. 16

lines 24-39, particularly noting the 'token' used can be "any unique field' which would include a checksum field.).

14. With respect to Claim 6, Gleeson teaches all the limitations of Claim 5 and further teaches the first frame transmission includes an indication that a response is expected (Col. 16 lines 1-18).

Conclusion

15. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

16. U.S. Patent 6,275,861 by Chaudri et al. "Method and apparatus to identify flows in data systems" August 14, 2001. Discloses the classification of packets based on a dynamic portion of the packet.

17. U.S. Patent 6,789,128 by Harrison et al. "System and Method for Reducing Network Traffic Between Two Computing Devices" September 7, 2004. Discloses transformation of messages by, for example, changing a data type or using buffer indexes/identifiers.

18. U.S. Patent 6,882,637 by Le et al. "Method and system for transmitting and receiving packets" April 19, 2005. Discloses the use of reference headers for used for decompression of subsequent transmissions of compressed headers.

19. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP


§ 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to David Lazaro whose telephone number is 571-272-3986. The examiner can normally be reached on 8:30-5:00 M-F.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Saleh Najjar can be reached on 571-272-4006. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



David Lazaro
July 24, 2005



SALEH NAJJAR
PRIMARY EXAMINER